Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application

Listing of Claims:

1-3. (Cancelled)

4. (Currently Amended) An information transmitting apparatus comprising:

an information storage part for storing information which includes an authentication identifier which identifies the information transmitting apparatus;

a sensing part for sensing a speed or an acceleration of the information transmitting apparatus; and

an information transmission part for changing a characteristic of a signal that affects the distance the information is transmitted based on the speed or the acceleration, and for transmitting the information which includes the authentication identifier,

a controller for selecting a predetermined power according to each of a plurality of ranks of the speed or the acceleration,

wherein the information transmission part transmits the stored information according to the selected predetermined power, and

as the speed or the acceleration of the information transmitting apparatus increases, a subsequent rank of all the plurality of ranks is elected as the predetermined power.

5.-6. (Cancelled)

7. (Currently Amended) An operation apparatus comprising:

(a) an information reception part for receiving information from an information transmitting apparatus, the information including an authentication identifier which identifies the information transmitting apparatus, the information transmitting apparatus comprising:

an information storage part for storing the information which includes the authentication identifier;

a sensing part for sensing a speed or an acceleration of the information transmitting apparatus ;

an information transmission part for changing a characteristic of a signal that affects a distance the information is transmitted based on the speed or the acceleration, and for transmitting the information which includes the authentication identifier; and

a controller for selecting a predetermined power according to each of a plurality of ranks of the speed or the acceleration;

(b) an authentication part for carrying out authentication based on the received information, which includes the authentication identifier; and

(c) an operation part for carrying out a predetermined action when the authentication part issues a permission of authentication,

wherein the information transmission part transmits the stored information according to the selected predetermined power, and

as the speed or the acceleration of the information transmitting apparatus increases, a subsequent rank of all the plurality of ranks is elected as the predetermined power.

8. (Original) The operation apparatus of claim 7, wherein the apparatus is an automatic door and the operation part opens the door.

9. (Currently Amended) An information processing system comprising:

an information transmitting apparatus including:

an information storage part for storing information, including an authentication identifier which identifies the information transmitting apparatus;

a sensing part for sensing a speed or an acceleration of the information transmitting apparatus ;

an information transmission part for changing a characteristic of a signal which affects a distance the information is transmitted based on the speed or the acceleration, and for transmitting the information, which includes the authentication identifier; and

a controller for selecting a predetermined power according to each of a plurality of ranks of the speed or the acceleration;

an operation apparatus including:

an information reception part for receiving the information which includes the authentication identifier from the information transmitting apparatus;

an authentication part for carrying out authentication based on the received information, which includes the authentication identifier; and

an operation part for carrying out a predetermined action when the authentication part issues a permission of authentication,

wherein the information transmission part transmits the stored information according to the selected predetermined power, and

as the speed or the acceleration of the information transmitting apparatus increases, a subsequent rank of all the plurality of ranks is elected as the predetermined power.

10. (Previously Presented) The information processing system of claim 9, wherein the sensing part senses the speed or the acceleration, and the information transmission part is a communication means in accordance with a Bluetooth standard.

11. (Cancelled)

12. (Currently Amended) A computer readable medium, including a program for causing a computer to execute the steps of:

storing information which includes an authentication identifier which identifies the information transmitting apparatus;

sensing a speed or an acceleration of an information transmitting apparatus;

transmitting (1) information for changing a characteristic of a signal that affects the distance the information is transmitted based on the speed or the acceleration and (2) the stored information which includes the authentication identifier; and

selecting a predetermined power according to each of a plurality of ranks of the speed or the acceleration,

wherein the stored information is transmitted according to the selected predetermined power, and

as the speed or the acceleration of the information transmitting apparatus increases, a subsequent rank of all the plurality of ranks is elected as the predetermined power.

13. (Cancelled)

14. (Previously Presented) The computer readable medium of claim 12, wherein the step of transmitting includes a step of changing the characteristic of the signal that affects the distance the information is transmitted based on the speed before transmitting the information.

15. (Previously Presented) The computer readable medium of claim 12, wherein the step of transmitting includes a step of changing the characteristic of the signal that affects the distance the information is transmitted based on the acceleration before transmitting the information.

16. (Previously Presented) An information transmitting apparatus according to claim 4, wherein the information transmission part divides the speed or the acceleration into a plurality of ranks and transmits the stored information by a predetermined power according to each one of the ranks, at least one rank of the plurality of ranks including a range of speeds or accelerations of the information transmitting apparatus, the range corresponding to a respective distance the information is transmitted.